



OBSERVER LOG

Sequence: 5

Vessel: M/V Pacific Titan
Client: NEXUS
Project #: Job: 6216
Area: Vic P39

Line Name: **GNX05-05-01-005**

Direction: **227°**
Date Shot: **10 February 2005**

Party Chief: Ketil Glimsjø Chief Obs: Haydn Brook Observers: Cliff Gobbit, Roar Nygaard, Allan Beattie

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FGSP	FGSP File	FGSP Time (UTC)
04:25	5	979	981	981	1001	1001	04:28

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
06:55	5	2027	2026	2026	2016	2016	06:54

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume
SOL	10 kts SW	1.5 m	4.5° Starboard	8.5 µB	4.2 kts.	4.8 kts.	13.2 m	7 m	3040 cu. in
EOL	15 kts SW	1.5 m	0.4° Starboard	9.5 µB	4.2 kts.	5.0 kts.	13.5 m	7 m	3040 cu. in

Recording Parameters

Recording System	Seal
Record Length	6000 ms
Sample Rate	2 ms
Start Of Acquisition	System Start (Aux 1)
Start Of Data to Shot	50ms (Aux 2)
Low Cut Filter	OUT
Hi Cut Filter	200 Hz @ 370 dB / Octave
Tape Format	Demux. SEGD rev 1, 8058
Tape Brand	Imation 3590 10Gb
Polarity	First Break is Negative
Shot Point Interval	18.75m

Streamer Parameters

Number of Streamers	1
Streamer Length	3000m
Number Channels	240
Group Interval	12.5 m
Operating Depth	7m +/- 1
Offset CSCNG	110 m (Centre of source to centre of near group)

Sequence breakdown

Start	End	Status	Comment
1001	1936	Prime	
1937	2016	Runout	

Source Parameters

Array Volume	3040 cubic inches
Operating Pressure	2000 psi +/- 10%
Array Configuration	3 Strings
Array Numbering	Stbd to Port / 1 to 3
Array Separation	10 m
Source Depth	6 m +/- 1.0m
Center Source to Nav Mast	166 m
Comment	

Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
Near Field Hydrophones		
Array 1	Array 2	Array 3
Starboard	Center	Port
13: Fwd	16: Fwd	19: Fwd
14: Mid	17: Mid	20: Mid
15: Aft	18: Aft	21: Aft

Channels as recorded

AuxChannels: 241-261
Streamer1: 1-240

Line Comments

Soft start commenced @ 03:21 , full power @ 03:52
File 979 streamer was in a slight bend.

Bad Channels

Line Status:

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	5	3/4	979		BOT	Noise record
04:25			981	981	FSP	Run in
04:28			1001	1001	SOL	
			1059	1059	GUN	Gun 2-3 delta error -1.3ms
			1120	1120	GUN	Gun 2-3 delta error -1.1ms
			1211	1211	GUN	Gun 2-3 delta error -1.1ms
			1212	1212	GUN	Gun 2-3 delta error -1.1ms
			1213	1213	GUN	Gun 2-3 delta error -1.1ms
			1559	1559	GUN	Gun 2-3 delta error -1.2ms
			1581	1581	GUN	Gun 2-3 delta error -1.1ms
			1595	1595	GUN	Gun 2-3 delta error -1.2ms
			1596	1596	GUN	Gun 2-3 delta error -1.3ms
			1597	1597	GUN	Spread error: 2.7ms
			1598	1598	GUN	Spread error: 2.9ms
			1599	1599	GUN	Spread error: 3.8ms, Gun 2-3, 2-4 off - Gun 2-1, 2-2 on (300 cluster)
			1600	1600	GUN	Spread error: 4.7ms
			1601	1601	GUN	Spread error: 4.3ms
06:42			1936	1936	LFFSP	
06:54			2016	2016	LGSP	
06:55			2026	2026	EOL	Nav run-out
	5	3/4	2027		EOT	Noise records

Abbreviations Used

SOL = Start of Line	BOT = Beginning of Tape	FGSP = First Good Shotpoint	FFFSP = First Full Fold Shotpoint	NDR = No Data Recorded
EOL = End of Line	EOT = End of Tape	LGSP = Last Good Shotpoint	LFFSP = Last Full Fold Shotpoint	FCSP = First Chargeable Shotpoint
FA = Feather Angle	SI = Seismic Interference	FOLSP = First Overlap SP	LOLSP = Last Overlap Shotpoint	LCSP = Last Chargeable Shotpoint
NTBP = Not To Be Processed	ITB = Internal Time Break	FTB = Field Time Break		